

I claim:

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1. A cart corral system comprising:

a first set of at least two spaced apart vertical rails;  
a base support supporting said first set of vertical rails in  
an upright position; said base support extending  
between said first set of vertical rails;

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at least two spaced apart horizontal rails removably  
engaged with said vertical rails and positioned above  
said base support [and forming an obtuse angle with said  
vertical rails];

a second set of at least two spaced apart vertical rails 65  
opposite of said first set of vertical rails and removably  
engaged with said horizontal rails;

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each of said vertical and horizontal rails having an outer diameter and exterior profile;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails; and

separable means for attaching said horizontal rails to said vertical rails.

2. The invention defined in claim 1, said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

3. The invention as defined in claim 1, said means for separable attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

4. The invention as defined in claim 1 and further comprising a third horizontal rail removably engaged with and extending between said second set of vertical rails at an angle to said at least two horizontal rails;

said third horizontal rail positioned above said second base support, said third horizontal rail having an outer diameter and an exterior profile;

a removable and replaceable polymerized sheathing surrounding said third horizontal rail having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said third horizontal rail and extending the length of said third horizontal rail; and

means for removably engaging said third horizontal rail to said second set of vertical rails.

5. The invention as defined in claim 4, said separable means for attaching said third horizontal rail to said vertical rails comprising a tri-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said tri-angled member extends simultaneously in planes to support said third horizontal rail to said vertical rails and said at least two spaced apart horizontal rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

6. The invention defined in claim 4, said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical stanchion; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

7. The invention as defined in claim 4, said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

8. The invention as defined in claim 1 and further comprising a fourth horizontal rail removably engaged with and extending between one of said sets of vertical rails at an angle to said at least two horizontal rails;

said fourth horizontal rail positioned above one of said first and second base supports and having an outer diameter;

a removable and replaceable polymerized sheathing surrounding said fourth horizontal rail having an interior diameter equal to or greater than the outer diameter of said horizontal rail and extending the length of said horizontal rail.

9. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;  
a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

separable means for attaching said horizontal rails to said vertical rails;

separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and

- 5   separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails.

10   10. The invention defined in claim 9, said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

15   wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical stanchion; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

20   11. The invention as defined in claim 9, said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

25   wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

12. The invention as defined in claim 9, and further comprising a third horizontal rail removably engaged with and extending between said [second set] second set of vertical rails at an angle to said at least two horizontal rails, said separable means for attaching said horizontal rails to said vertical rails comprising a tri-angled member formed of polymerized sheathing and having a hollow interior;

35   wherein each leg of said tri-angled member extends simultaneously in planes to support said third horizontal rail to said vertical rails and said at least two spaced apart horizontal rails;

40   said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

45   13. The invention as defined in claim 9, said separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails comprising a quad-angled member formed of polymerized sheathing and having a hollow interior;

50   wherein each leg of said quad-angled member extends simultaneously in planes to support said additional horizontal rail and vertical rails to said first and said second set of vertical rails;

55   said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

14. The invention as defined in claim 9, said separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails comprising a multi-angled member formed of polymerized sheathing and having a hollow interior;

60   wherein each leg of said multi-angled member extends simultaneously in multiple planes to support said additional horizontal rail and vertical rails to said first and said second set of vertical rails;

65   said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

15. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

- a first set of at least two spaced apart vertical rails;
- a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;
- at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];
- a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails; wherein said spaced apart vertical rails extend toward each other to form an archway having a singular rail;
- a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;
- said spaced apart horizontal rails extending from said second set of vertical rails toward said first set of vertical rails and forming part of said first set of vertical rails;
- a third set of at least two spaced apart vertical rails offset from said first and said second set of at least two spaced apart vertical rails;
- said third set of vertical rails being supported between said first and said second base supports;
- each of said vertical and horizontal rails having an outer diameter and exterior profile;
- removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;
- a third horizontal rail extending between said third set of at least two spaced apart vertical rails said horizontal rail having an outer diameter;
- removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;
- separable means for attaching said horizontal rails to said vertical rails; and
- separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails.

16. The invention defined in claim 15, said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical stanchion; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

17. The invention as defined in claim 15, said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

FOOTNOTES

wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

18. The invention as defined in claim 15, said separable means for attaching said horizontal rails to said vertical rails comprising a tri-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said tri-angled member extends simultaneously in planes to support said third horizontal rail to said vertical rails and said at least two spaced apart horizontal rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

19. The invention as defined in claim 15, said separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails comprising a quad-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said quad-angled member extends simultaneously in planes to support said third horizontal rail and said third set of vertical rails to said first and said second set of vertical rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

20. The invention as defined in claim 15, said separable means for attaching said third horizontal rail and said third set of vertical rails to said first and said second set of vertical rails comprising a multi-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said multi-angled member extends simultaneously in multiple planes to support said horizontal rail and said third set of vertical rails to said first and said second set of vertical rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

21. A cart corral system comprising:

a first set of at least two spaced apart vertical rails;

a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or

greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails; and

separable means for attaching said horizontal rails to said vertical rails;

said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

22. The invention as defined in claim 21 and further comprising a fourth horizontal rail removably engaged with and extending between one of said sets of vertical rails at an angle to said at least two horizontal rails;

said fourth horizontal rail positioned above one of said base supports;

a removable and replaceable polymerized sheathing surrounding said fourth horizontal rail having an interior diameter equal to or greater than the outer diameter of said horizontal rail and extending the length of said horizontal rail.

23. A cart corral system comprising:

a first set of at least two spaced apart vertical rails;

a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails; and

separable means for attaching said horizontal rails to said vertical rails;

said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

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a first set of at least two spaced apart vertical rails;

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at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

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removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

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a removable and replaceable polymerized sheathing surrounding said third horizontal rail having an interior diameter equal to or greater than the outer diameter of said third horizontal rail and extending the length of said third horizontal rail; and

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said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

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wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal



rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

26. The invention as defined in claim 24, said means for removably engaging said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

27. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;  
a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

separable means for attaching said horizontal rails to said vertical rails;

separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and

separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails;

said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

28. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

- a first set of at least two spaced apart vertical rails;
- a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;
- at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];
- 10 a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;
- a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;
- 15 each of said vertical and horizontal rails having an outer diameter and exterior profile;
- removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;
- 20 removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;
- 25 separable means for attaching said horizontal rails to said vertical rails;
- separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and
- 35 separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails;
- said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;
- 40 wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.
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- 50 **29.** A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:
  - a first set of at least two spaced apart vertical rails;
  - a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;
  - 55 at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];
  - 60 a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;
  - a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;
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each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

separable means for attaching said horizontal rails to said vertical rails;

separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and

separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails;

said separable means for attaching said horizontal rails to said vertical rails comprising a tri-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said tri-angled member extends simultaneously in three planes to support said third horizontal rail to said vertical rails and said at least two spaced apart horizontal rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

30. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;

a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

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separable means for attaching said horizontal rails to said vertical rails;

separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and

separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails;

10 said separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails comprising a quad-angled member formed of polymerized sheathing and having a hollow interior; wherein each leg of said quad-angled member extends simultaneously in planes to support said additional horizontal rail and vertical rails to said first and said second set of vertical rails;

15 said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

31. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

25 a first set of at least two spaced apart vertical rails; a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

35 a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

40 each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

45 removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

50 separable means for attaching said horizontal rails to said vertical rails;

55 separable means for attaching additional vertical rails to said first and said second base supports comprising a base support extending from said first and second base supports; and

60 separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails;

said separable means for attaching additional horizontal and vertical rails to said first and said second set of vertical rails comprising a multi-angled member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said multi-angled member extends simultaneously in multiple planes to support said additional horizontal rail and vertical rails to said first and said second set of vertical rails;

said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

32. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;

a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails; wherein said spaced apart vertical rails extend toward each other to form an archway having a singular rail;

a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

said spaced apart horizontal rails extending from said second set of vertical rails toward said first set of vertical rails and forming part of said first set of vertical rails;

a third set of at least two spaced apart vertical rails offset from said first and said second set of at least two spaced apart vertical rails;

said third set of vertical rails being supported between said first and said second base supports;

a third horizontal rail extending between the third set of at least two spaced apart vertical rails, each of said vertical and horizontal rails having an outer diameter and exterior profile;

removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

separable means for attaching said horizontal rails to said vertical rails; and

separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails;

said separable means for attaching said horizontal rails to said vertical rails comprising a T-shaped member formed of polymerized sheathing and having a hollow interior;

wherein each leg of said T-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having

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a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.

33. A maintenance free cart corral system for storing  
5 grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:
- a first set of at least two spaced apart vertical rails;
  - a first base support supporting said first set of vertical rails  
10 in an upright position; said first base support extending between said first set of vertical rails;
  - at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with  
15 said vertical rails];
  - a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails; wherein said spaced apart vertical rails extend toward each other to form an  
20 archway having a singular rail;
  - a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;
  - said spaced apart horizontal rails extending from said  
25 second set of vertical rails toward said first set of vertical rails and forming part of said first set of vertical rails;
  - a third set of at least two spaced apart vertical rails offset from said first and said second set of at least two spaced apart vertical rails;
  - said third set of vertical rails being supported between said first and said second base supports;
  - a third horizontal rail extending between the third set of  
35 at least two spaced apart vertical rails, each of said vertical and horizontal rails having an outer diameter and exterior profile;
  - removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;
  - removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;
  - 45 separable means for attaching said horizontal rails to said vertical rails; and
  - separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails;
  - 55 said separable means for attaching said horizontal rails to said vertical rails comprising an L-shaped member formed of polymerized sheathing and having a hollow interior;
  - wherein each leg of said L-shaped member has an interior profile identical to the exterior profile of said horizontal rails and said vertical rails; said interior profile having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said horizontal rails and said vertical rails.
  - 65 34. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;  
 a first base support supporting said first set of vertical rails  
 in an upright position; said first base support extending  
 between said first set of vertical rails;  
 at least two spaced apart horizontal rails removably 5  
 engaged with said vertical rails and positioned above  
 said first base support [and forming an obtuse angle with  
 said vertical rails];  
 a second set of at least two spaced apart vertical rails 10  
 opposite of said first set of vertical rails and removably  
 engaged with said horizontal rails; wherein said spaced  
 apart vertical rails extend toward each other to form an  
 archway having a singular rail;  
 a second base support supporting said second set of 15  
 vertical rails in an upright position; said second base  
 support extending between said second set of vertical  
 rails;  
 said spaced apart horizontal rails extending from said  
 second set of vertical rails toward said first set of 20  
 vertical rails and forming part of said first set of vertical  
 rails;  
 a third set of at least two spaced apart vertical rails offset  
 from said first and said second set of at least two spaced  
 apart vertical rails; 25  
 said third set of vertical rails being supported between  
 said first and said second base supports;  
 a third horizontal rail extending between the third set of  
 least two spaced apart vertical rails, each of said  
 vertical and horizontal rails having an outer diameter 30  
 and exterior profile;  
 removable and replaceable polymerized sheathing sur-  
 rounding each of said vertical rails having an interior  
 and exterior diameter, the interior diameter equal to or  
 greater than the outer diameter of said vertical rails and 35  
 extending the length of said vertical rails;  
 removable and replaceable polymerized sheathing sur-  
 rounding each of said horizontal rails having an interior  
 and exterior diameter, the interior diameter equal to or  
 greater than the outer diameter of each of said hori- 40  
 zontal rails and extending the length of said horizontal  
 rails;  
 separable means for attaching said horizontal rails to said  
 vertical rails; and  
 separable means for attaching said horizontal rails and 45  
 said third set of vertical rails to said first and said  
 second set of vertical rails;  
 said separable means for attaching said horizontal rails to  
 said vertical rails comprising a tri-angled member 50  
 formed of polymerized sheathing and having a hollow  
 interior;  
 wherein each leg of said tri-angled member extends  
 simultaneously in planes to support said third horizon- 55  
 tal rail to said vertical rails and said at least two spaced  
 apart horizontal rails;  
 said interior having a diameter equal to or greater than the  
 exterior diameter of said polymerized sheathing sur-  
 rounding each of said horizontal rails and said vertical 60  
 rails.

35. A maintenance free cart corral system for storing  
 grocery carts, the cart corral system is capable of being  
 readily assembled and disassembled comprising:  
 a first set of at least two spaced apart vertical rails;  
 a first base support supporting said first set of vertical rails 65  
 in an upright position; said first base support extending  
 between said first set of vertical rails;

at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above said first base support [and forming an obtuse angle with said vertical rails];

5 a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails; wherein said spaced apart vertical rails extend toward each other to form an archway having a singular rail;

10 a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails;

15 said spaced apart horizontal rails extending from said second set of vertical rails toward said first set of vertical rails and forming part of said first set of vertical rails;

20 a third set of at least two spaced apart vertical rails offset from said first and said second set of at least two spaced apart vertical rails;

said third set of vertical rails being supported between said first and said second base supports;

25 a third horizontal rail extending between the third set of at least two spaced apart vertical rails, each of said vertical and horizontal rails having an outer diameter and exterior profile;

30 removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of said vertical rails and extending the length of said vertical rails;

35 removable and replaceable polymerized sheathing surrounding each of said horizontal rails having an interior and exterior diameter, the interior diameter equal to or greater than the outer diameter of each of said horizontal rails and extending the length of said horizontal rails;

40 separable means for attaching said horizontal rails to said vertical rails; and

separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails;

45 said separable means for attaching said horizontal rails and said third set of vertical rails to said first and said second set of vertical rails comprising a quad-angled member formed of polymerized sheathing and having a hollow interior;

50 wherein each leg of said quad-angled member extends simultaneously in planes to support said horizontal rail and said third set of vertical rails to said first and said second set of vertical rails;

55 said interior having a diameter equal to or greater than the exterior diameter of said polymerized sheathing surrounding each of said first and said second set of vertical rails.

36. A maintenance free cart corral system for storing grocery carts, the cart corral system is capable of being readily assembled and disassembled comprising:

a first set of at least two spaced apart vertical rails;

60 a first base support supporting said first set of vertical rails in an upright position; said first base support extending between said first set of vertical rails;

65 at least two spaced apart horizontal rails removably engaged with said vertical rails and positioned above



said first base support [and forming an obtuse angle with said vertical rails];

- a second set of at least two spaced apart vertical rails opposite of said first set of vertical rails and removably engaged with said horizontal rails; wherein said spaced apart vertical rails extend toward each other to form an archway having a singular rail; 5
- a second base support supporting said second set of vertical rails in an upright position; said second base support extending between said second set of vertical rails; 10
- said spaced apart horizontal rails extending from said second set of vertical rails toward said first set of vertical rails and forming part of said first set of vertical rails; 15
- a third set of at least two spaced apart vertical rails offset from said first and said second set of at least two spaced apart vertical rails;
- said third set of vertical rails being supported between said first and said second base supports; 20
- a third horizontal rail extending between the third set of at least spaced apart vertical rails, each of said vertical and horizontal rails having an outer diameter and exterior profile; 25
- removable and replaceable polymerized sheathing surrounding each of said vertical rails having an interior and exterior diameter, the interior diameter equal to or

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greater than the outer diameter of said vertical rails and  
extending the length of said vertical rails;  
removable and replaceable polymerized sheathing sur-  
rounding each of said horizontal rails having an interior  
5 and exterior diameter, the interior diameter equal to or  
greater than the outer diameter of each of said hori-  
zontal rails and extending the length of said horizontal  
rails;  
separable means for attaching said horizontal rails to said  
10 vertical rails; and  
separable means for attaching said horizontal rails and  
said third set of vertical rails to said first and said  
second set of vertical rails;  
said separable means for attaching said horizontal rails  
15 and said third set of vertical rails to said first and said  
second set of vertical rails comprising a multi-angled  
member formed of polymerized sheathing and having a  
hollow interior;  
20 wherein each leg of said multi-angled member extends  
simultaneously in multiple planes to support said hori-  
zontal rail and said third set of vertical rails to said first  
and said second set of vertical rails;  
said interior having a diameter equal to or greater than the  
25 exterior diameter of said polymerized sheathing sur-  
rounding each of said first and said second set of  
vertical rails.

\* \* \* \* \*